

### CLAIM AMENDMENTS

1. (currently amended) Method for recording and storing the optically detectable data of an object on a storage medium, ~~characterized in that a~~ comprising the steps of making sequence of a plurality of individual recordings of the object ~~are made~~ with a single camera at various spatial settings with respect to the relative position between the object and the camera without adjusting camera settings; ~~in that determining~~ the sharply imaged areas of the individual recordings ~~are determined~~; and ~~in that assembling~~ the sharply imaged areas of all the individual recordings ~~are assembled~~ to form at least one or a plurality of resulting images image.

2. (currently amended) Method as defined in Claim 1, ~~characterized in that further~~ comprising the steps of storing the individual recordings ~~are stored~~ in a computer; ~~in that the~~ whereby in the sharply imaged areas of the individual recordings are determined by the computer with the aid of digital methods; and ~~in that the~~ resulting images are assembled with the aid of the computer.

3. (currently amended) Method as defined in Claim 2, ~~characterized in that~~ wherein the sharply imaged areas are determined by digital formation of the derivative.

4. (currently amended) Method as defined in Claim 1, ~~Claim Claim, characterized in that~~ wherein the parameters for recording ~~the a~~ sequence of individual recordings are predetermined by a computer; and ~~in that the~~ sequence of the recording is controlled by ~~this~~ the computer.

5. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ wherein the recording of the ~~sequence of~~ individual recordings is started automatically.

6. (currently amended) Method as defined in Claim 5, ~~characterized in that~~ wherein the recording ~~of the sequence~~ of individual recordings is started by means of a photoelectric barrier.

7. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ wherein the individual recordings are made at fixed, predetermined time internals.

8. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ wherein the individual recordings are made at fixed, predetermined ~~relative~~ distances between the camera and the object.

9. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ wherein a CCD camera is used as the camera for recording the sequence of individual recordings.

10. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ further comprising the steps of storing all the individual recordings of the sequence ~~are stored in the a~~ computer; and ~~in that~~ determining the sharply image areas ~~are identified~~ after recording of the ~~sequence of~~ individual recordings has been concluded.

11. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ wherein the sharply imaged areas of the individual ~~recording of the sequence~~ recordings are identified and incorporated into the resulting image immediately after ~~they~~ the individual recordings have been recorded made.

12. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ wherein the a plurality of resulting images ~~is~~ are assembled from the ~~sequence of~~ individual recordings, different areas of the object or different features of the object being shown in the resulting images ~~in each instance~~.

13. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ further comprising the steps of dividing an image plane ~~is divided~~ into a plurality of areas; and ~~in that~~ processing the areas ~~are processed~~ in parallel.

14. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ wherein it the at least one resulting image is used to identify the features of a finger.

15. (currently amended) Method as defined in Claim 1, ~~characterized in that~~ further comprising the steps of illuminating the object ~~is illuminated~~ with a light source.

16. (currently amended) Method as defined in Claim 5 15, ~~characterized in that~~ wherein a pulsed light source that is synchronized with the camera is used.

17. (currently amended) Method as defined in Claim 15, ~~characterized in that~~ wherein the object is illuminated by a plurality of light sources of different wavelength ranges and in different arrangements.

18. (currently amended) Method as defined in Claim 15, ~~characterized in that~~ wherein the object is illuminated as long as it is moving towards the camera and away from the camera.

19. (currently amended) Method as defined in Claim 15, ~~characterized in that~~ wherein only the areas of the object that are within the focus of the camera are illuminated.

20. (currently amended) Apparatus for carrying out a method according to Claim 1, ~~characterized in that~~ comprising a computer, a camera, and a control device are provided.

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